

MULTI-AXIS LOAD CELL

ABSTRACT OF THE DISCLOSURE

A load cell is provided that includes first
5 and second sensor support assemblies. Each sensor
support assembly has a rigid central hub having an
end plate and a support element extending
transversely from the end plate and also includes a
rigid annular ring concentric with the central hub. A
10 first mount is joined to the end plate of the first
sensor support assembly, the mount being spaced apart
from and extending in the same direction as the
support element of the first sensor support assembly.
A first plurality of sensing devices are operably
15 coupled between the support element of the first and
second sensing support assemblies and the
corresponding annular rings, respectively. The end
plates of the first and second sensor support
assemblies are joined together.